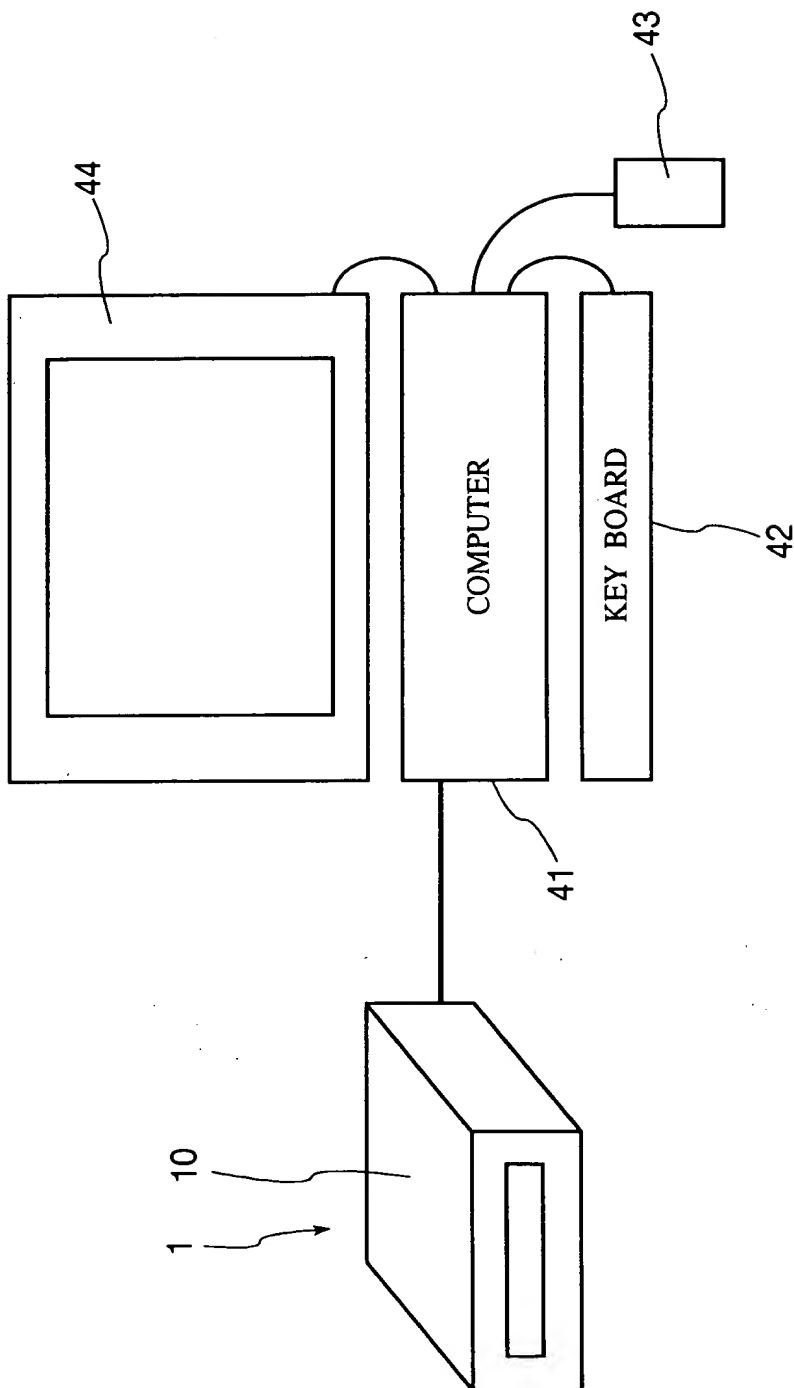


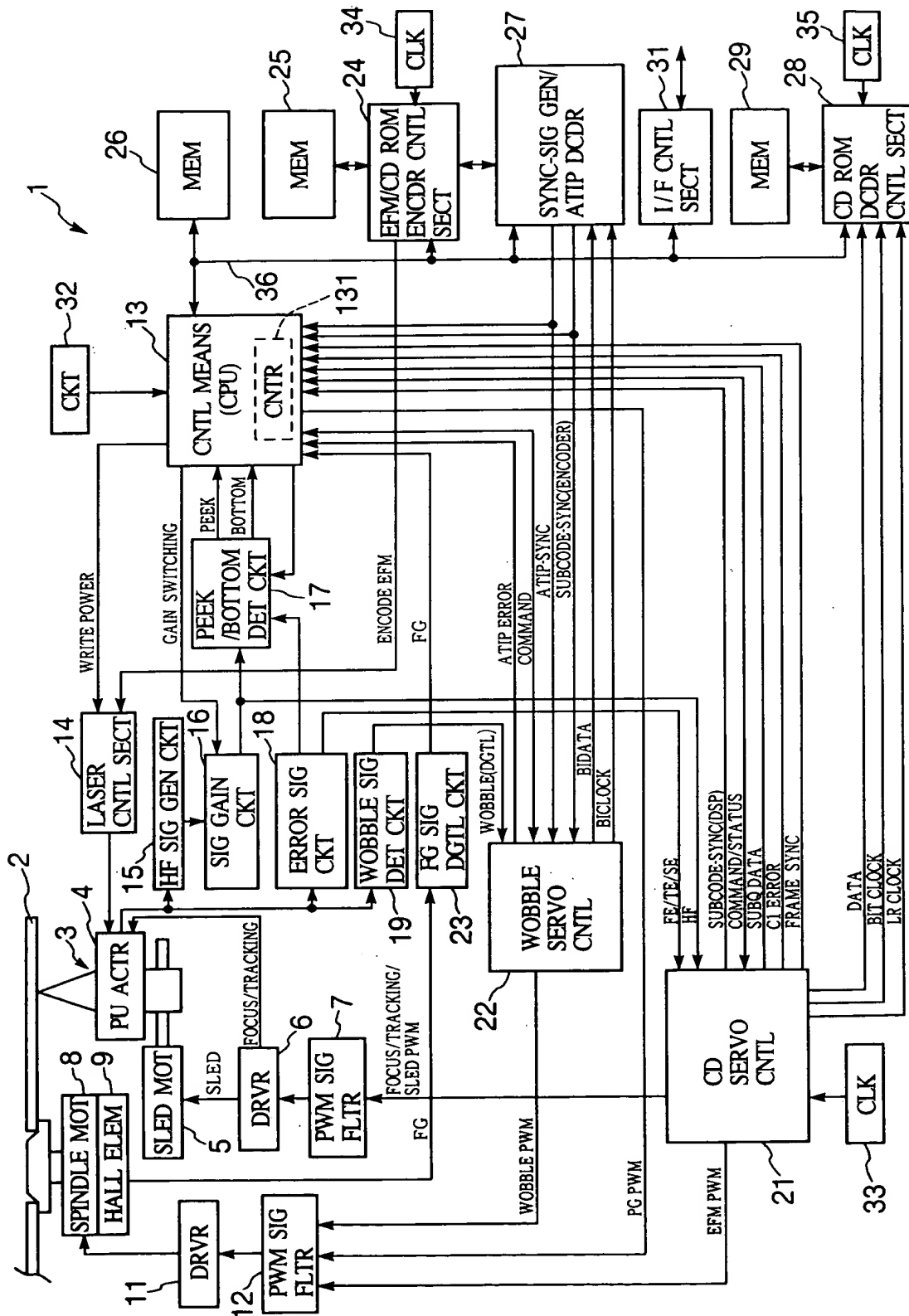
FIG. 1



866260" 69629T60

866260

FIG. 2

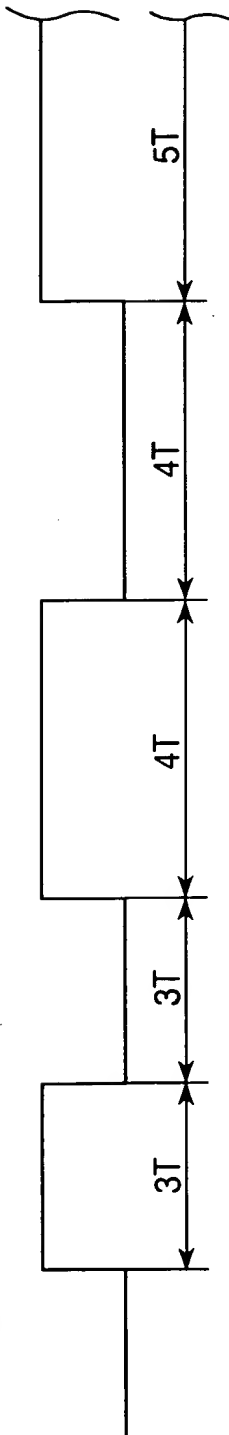


APPROVED	O.G. FIG
BY	CLASS. S. R. CLASS
DRAFTSMAN	

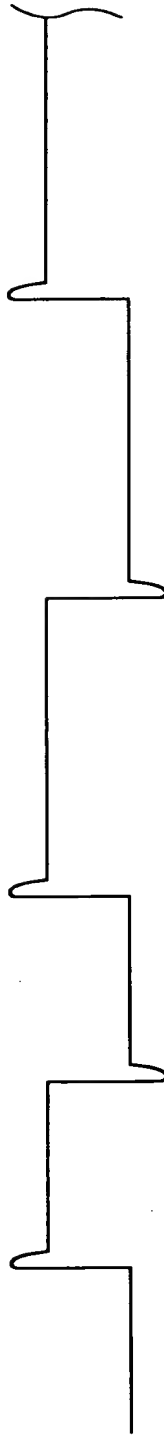
3/18

FIG. 3

ENCODE EFM SIGNAL (ENCODER OUTPUT)



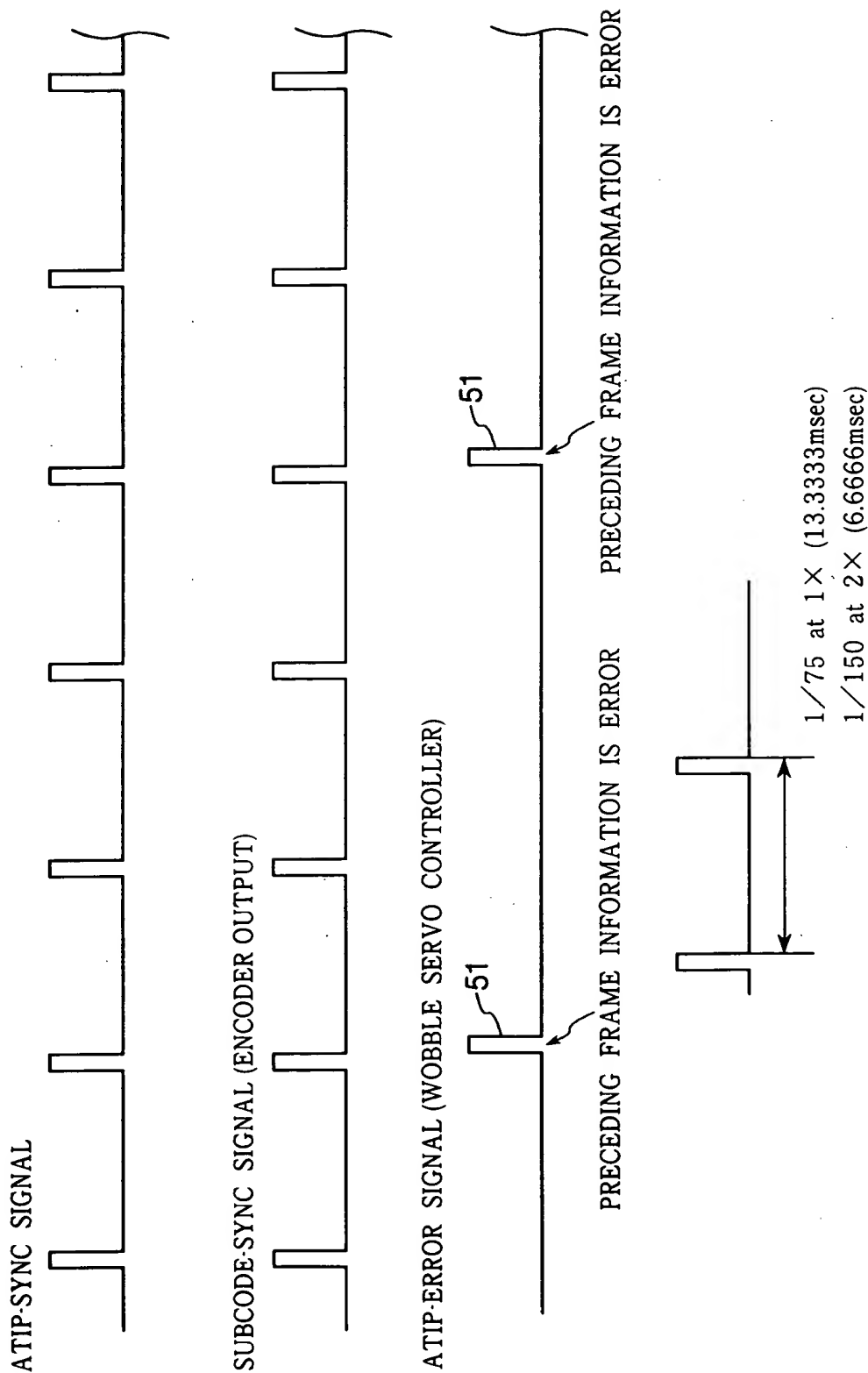
ENCODE EFM SIGNAL (OUTPUT FROM LASER CONTROL SECTION)



265260" 69629T60

APPROVED	C.G. FIG
BY	CLASS S. ACLASS
DRAFTSMAN	

FIG. 4

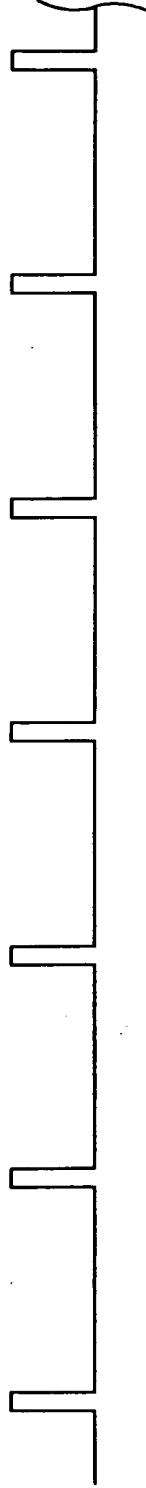


APPROVED	O.G. PIC
BY	CLASS R. RCLASS
DRAFTSMAN	

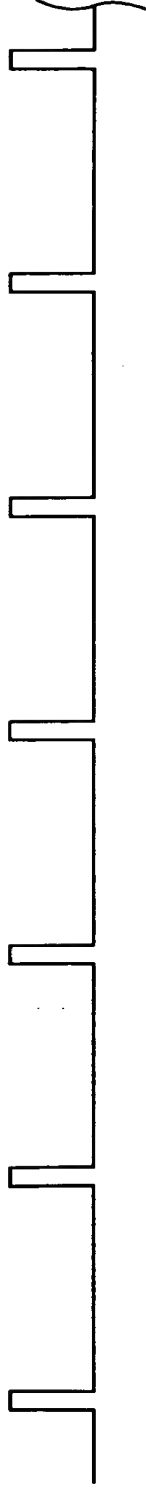
5/18

FIG. 5

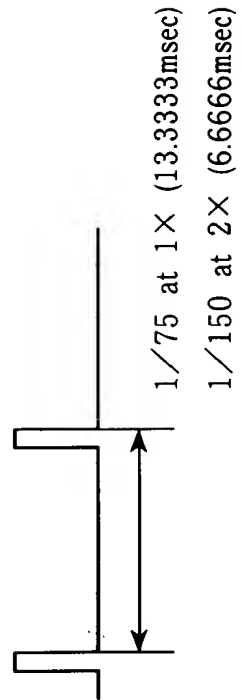
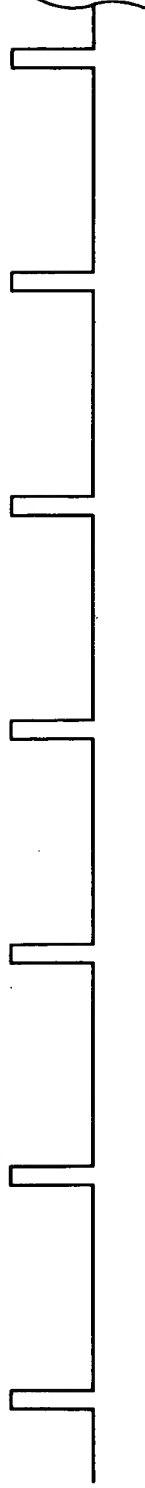
ATIP-SYNC SIGNAL



SUBCODE-SYNC SIGNAL (ENCODER OUTPUT)



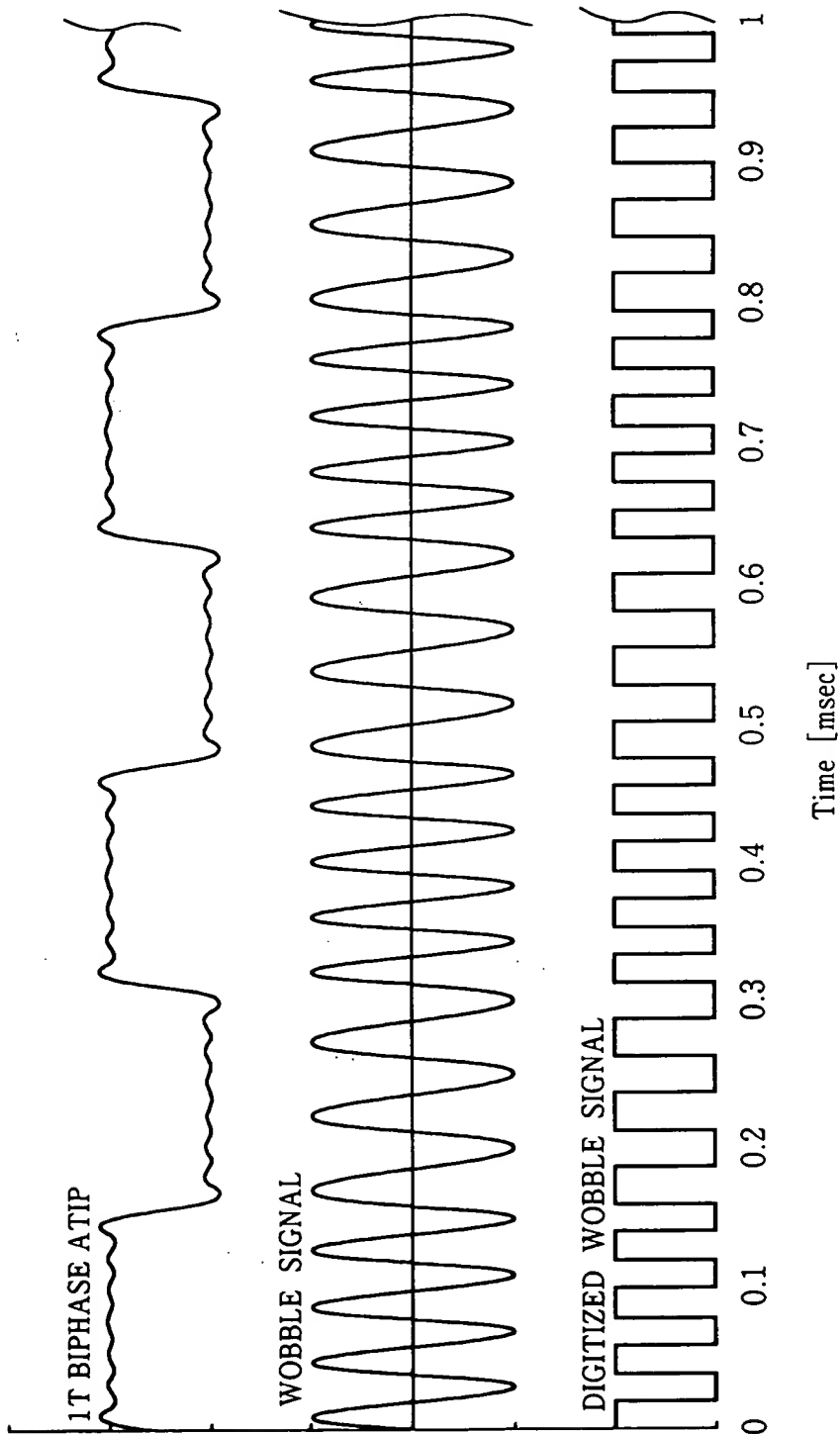
SUBCODE-SYNC SIGNAL (DSP OUTPUT)



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

6/18

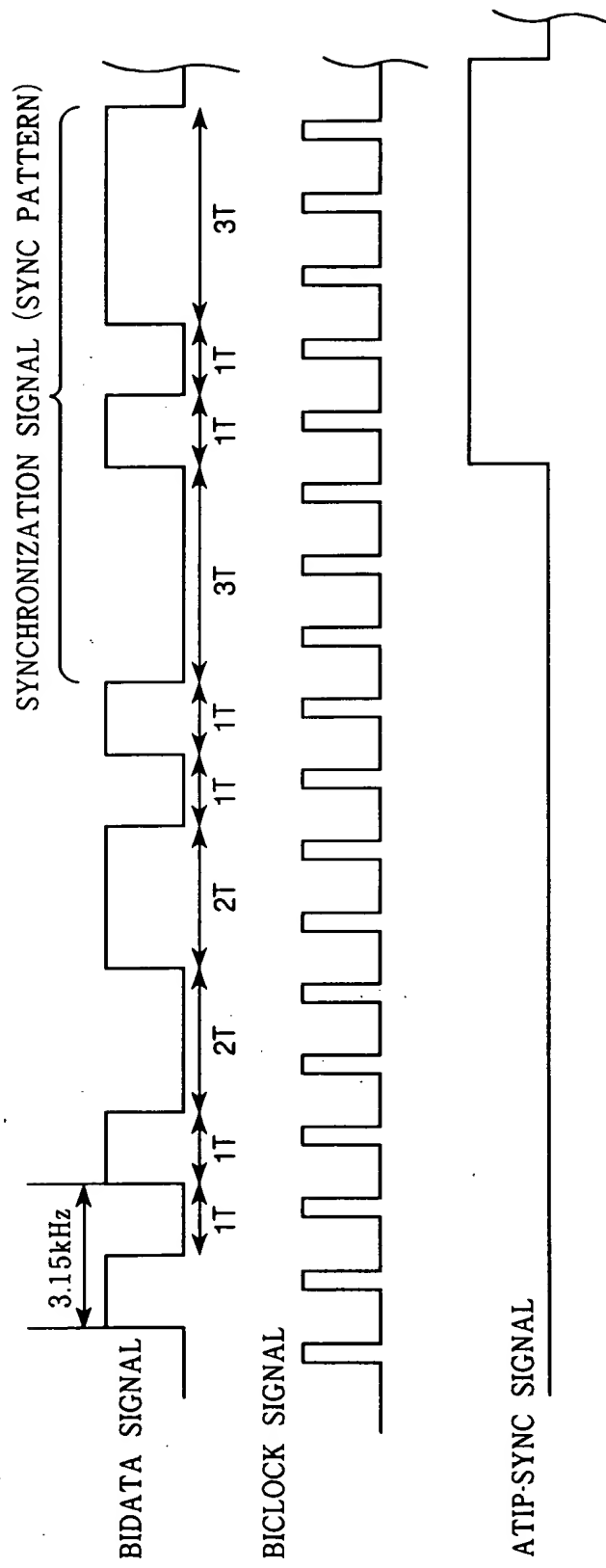
FIG. 6



866260" 69629T60

866260" 69629T60

FIG. 7



APPROVED	O.G. FIG	
BY	CLASS	SUBCLASS
DRAFTSMAN		

8/18

FIG. 8

FRAME FORMAT OF 1 ATIP FRAME (42Bits 1/75sec)

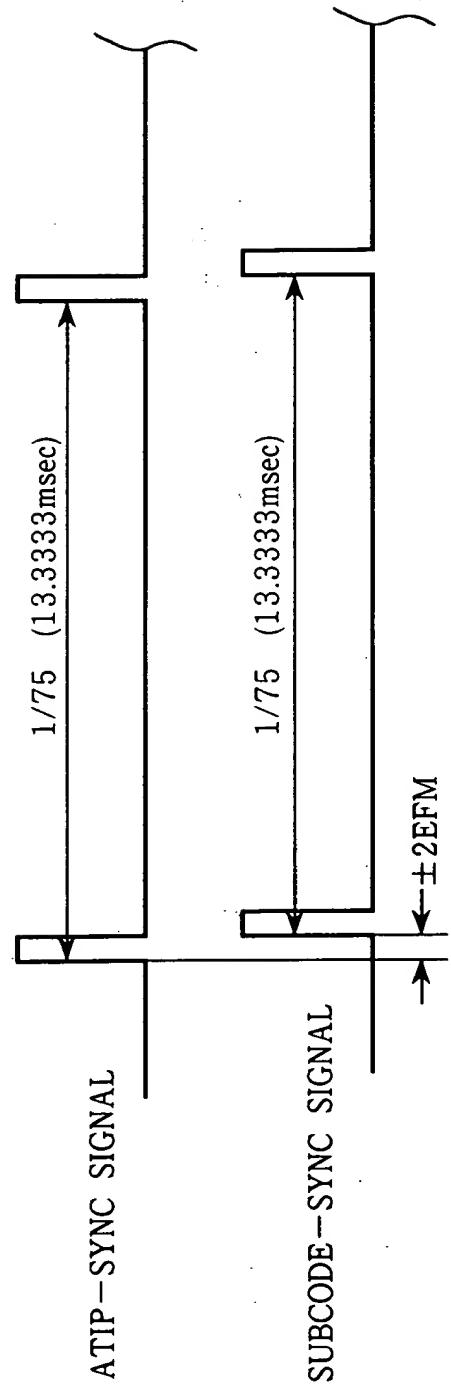
NUMBER OF BITS	4	8	8	8	14
BIT POSITION	1234	111 56789012	11111112 34567890	22222222 12345678	23333333333444 90123456789012
DATA	Sync	Min	Sec	Frame	Error Detection Code



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

866260" 69629T60

FIG. 9

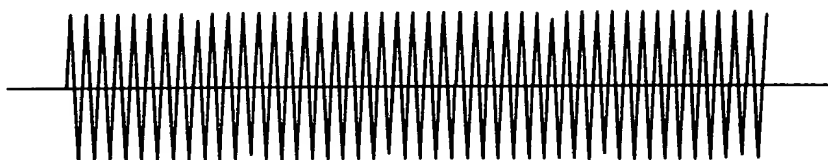


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

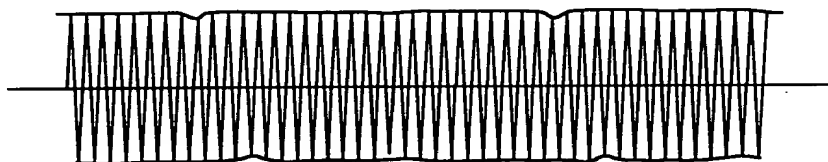
10/18

FIG. 10

INPUT SIGNAL (e.g. HF SIGNAL)



AMPLITUDES OF INPUTTED SIGNAL (Envelope)



OUTPUT FROM PEEK/BOTTOM DETECTING CIRCUIT

PEEK OUTPUT  
(PEEK SIGNAL)

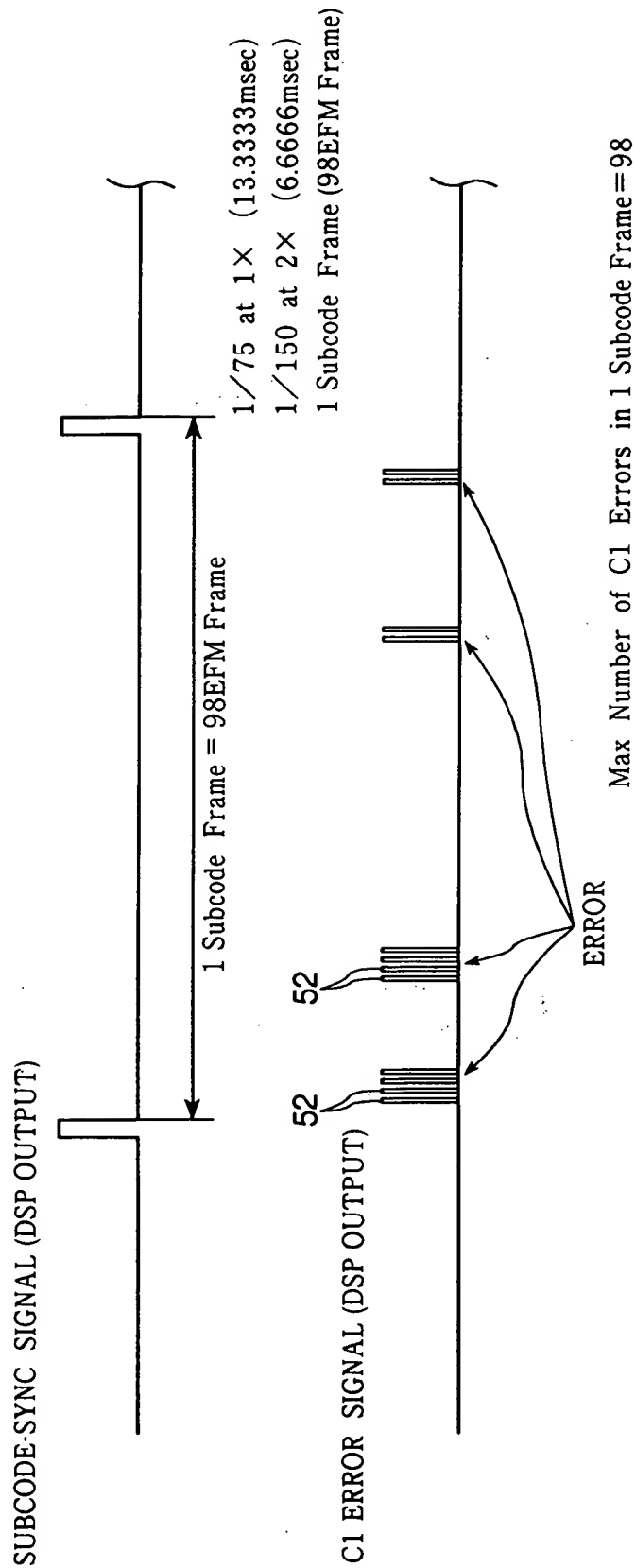


BOTTOM OUTPUT  
(BOTTOM SIGNAL)



09162969-09999 000260-69629760

FIG. 11

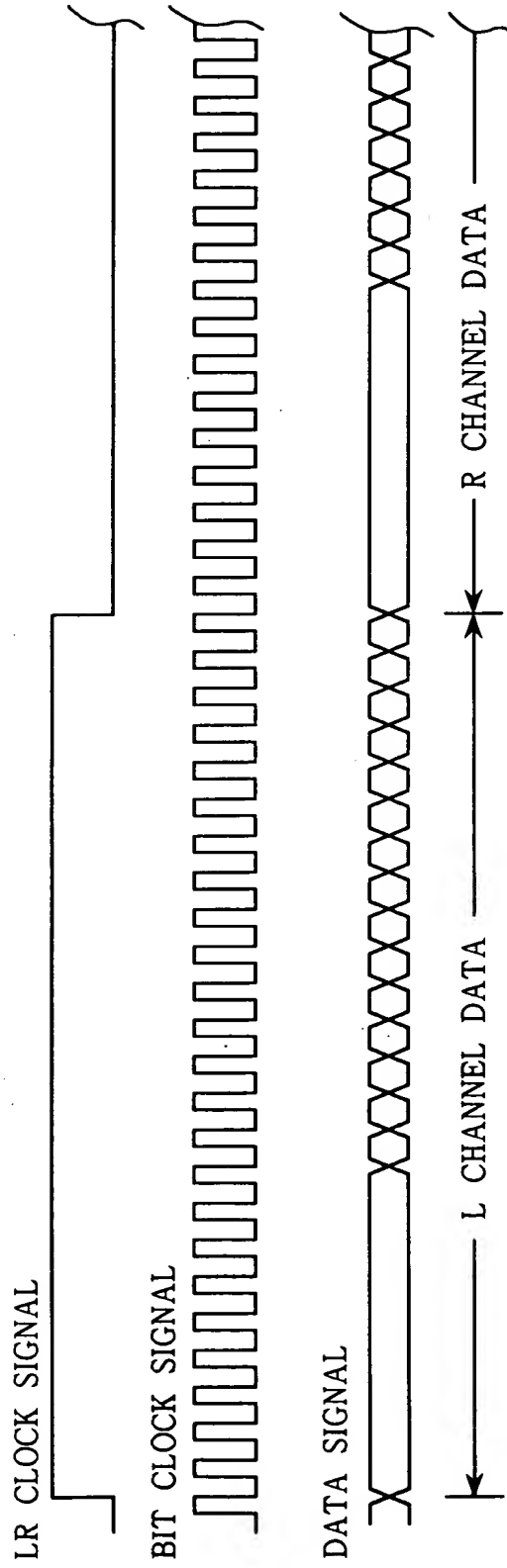


866260" 69629T60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

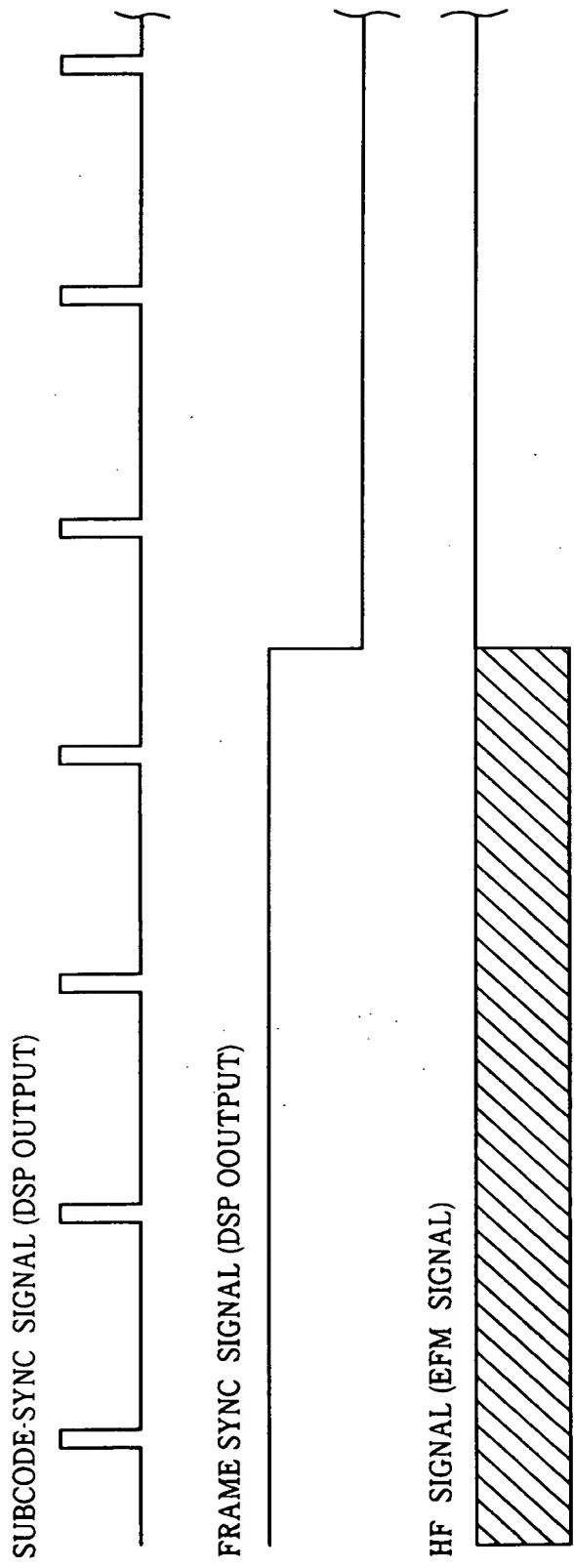
12/18

FIG. 12



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 13



866260" 69629T60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 14

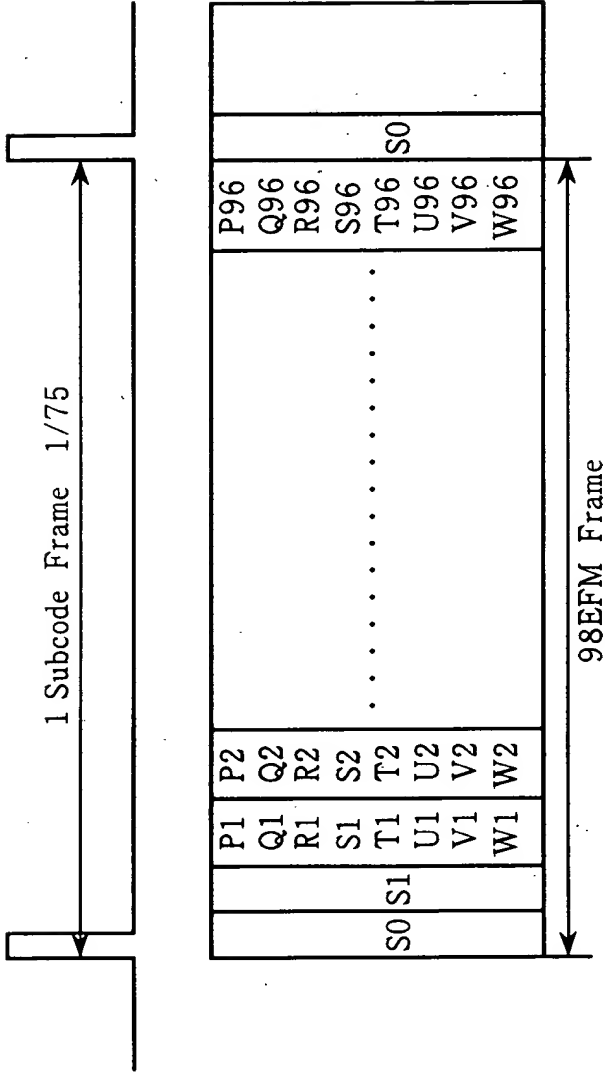
Q DATA 96Bits FORMAT

Q1~Q4	Q5~Q8	Q9.....Q80	Q81.....Q96
CONTROL	ADDRESS	DATA 72Bits	CRC 16Bits

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

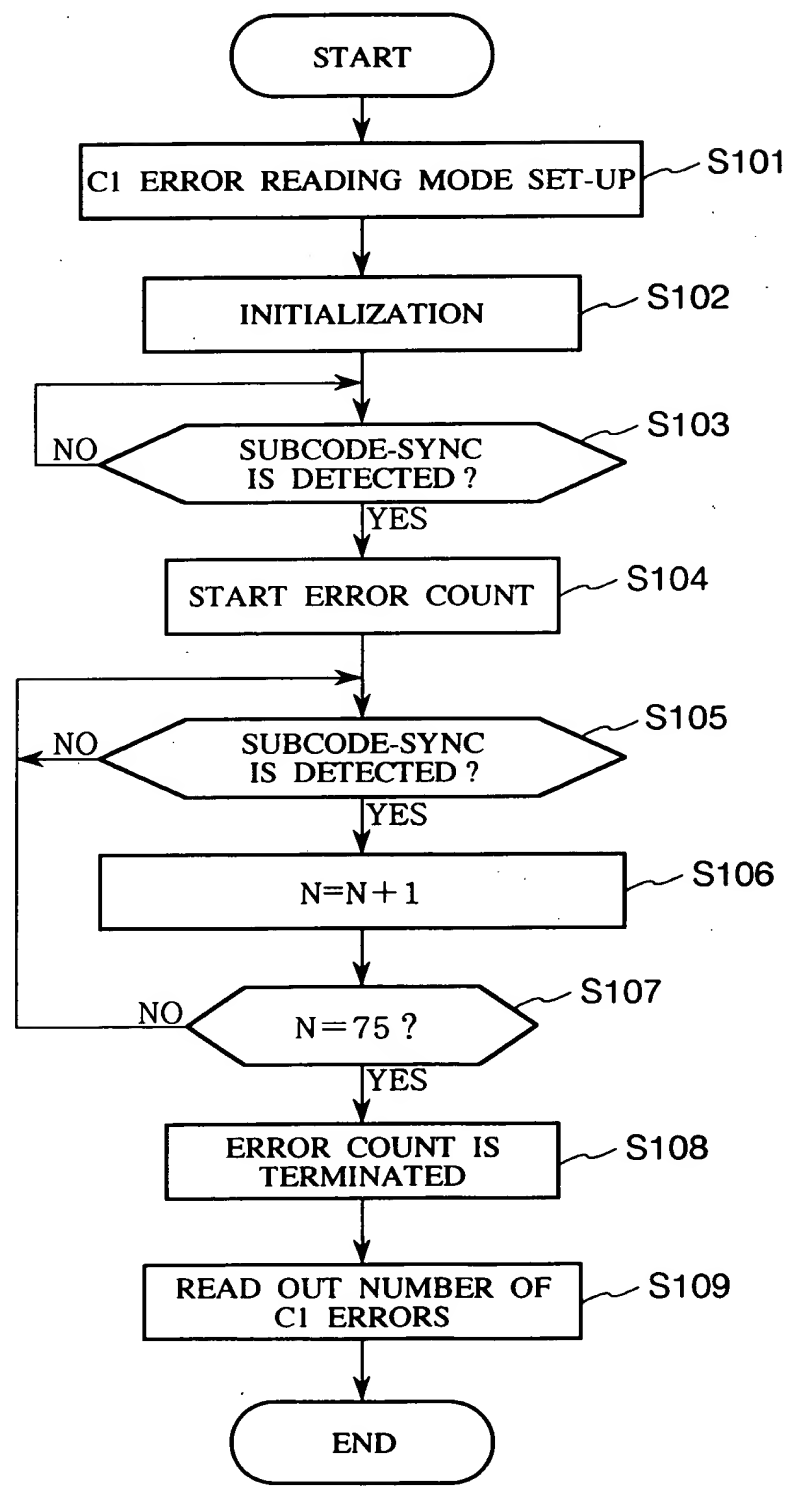
266260" 69629160

FIG. 15



# FIG. 16

## ROUTINE FOR READING C1 ERROR

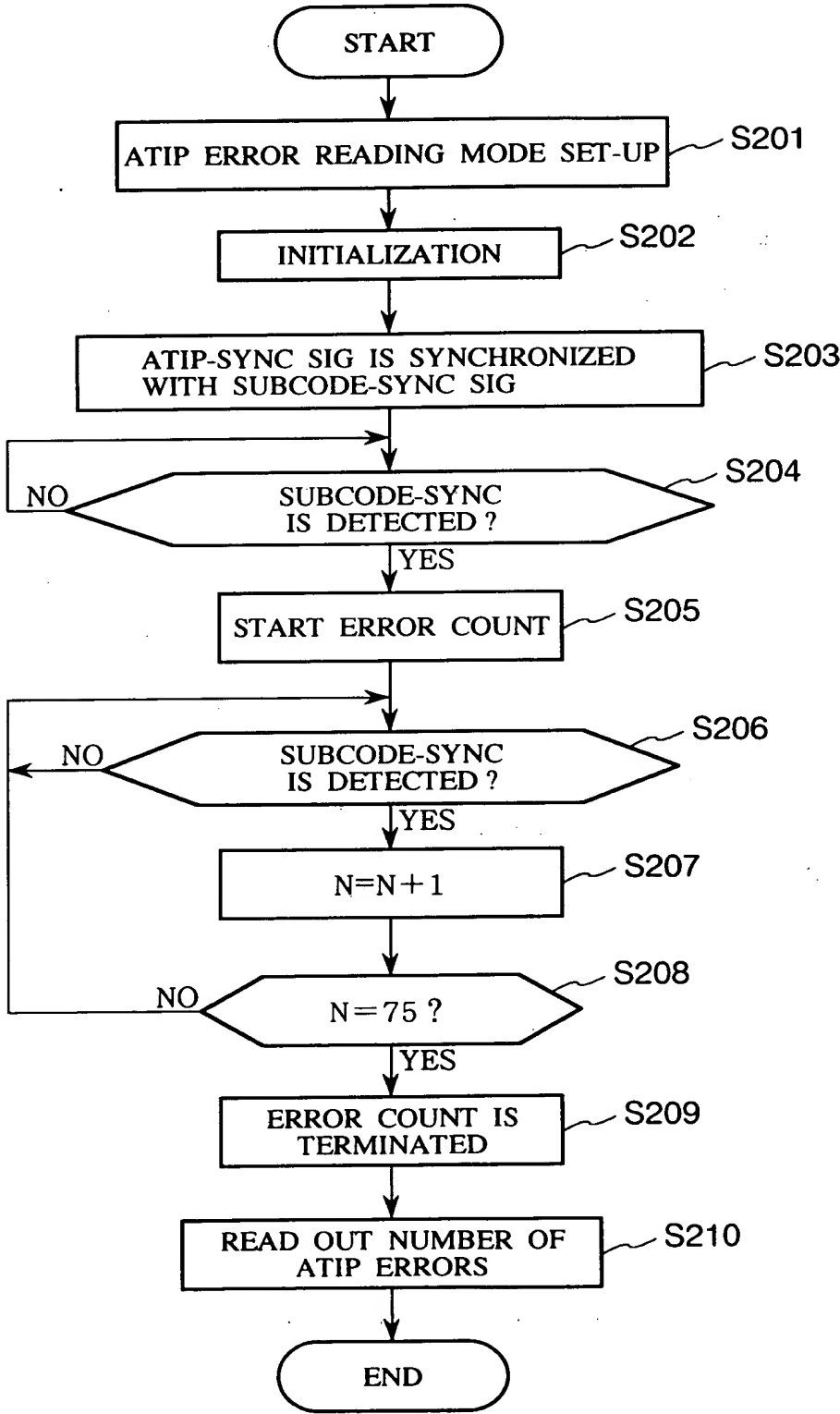


09162969-092998  
09162969-092998



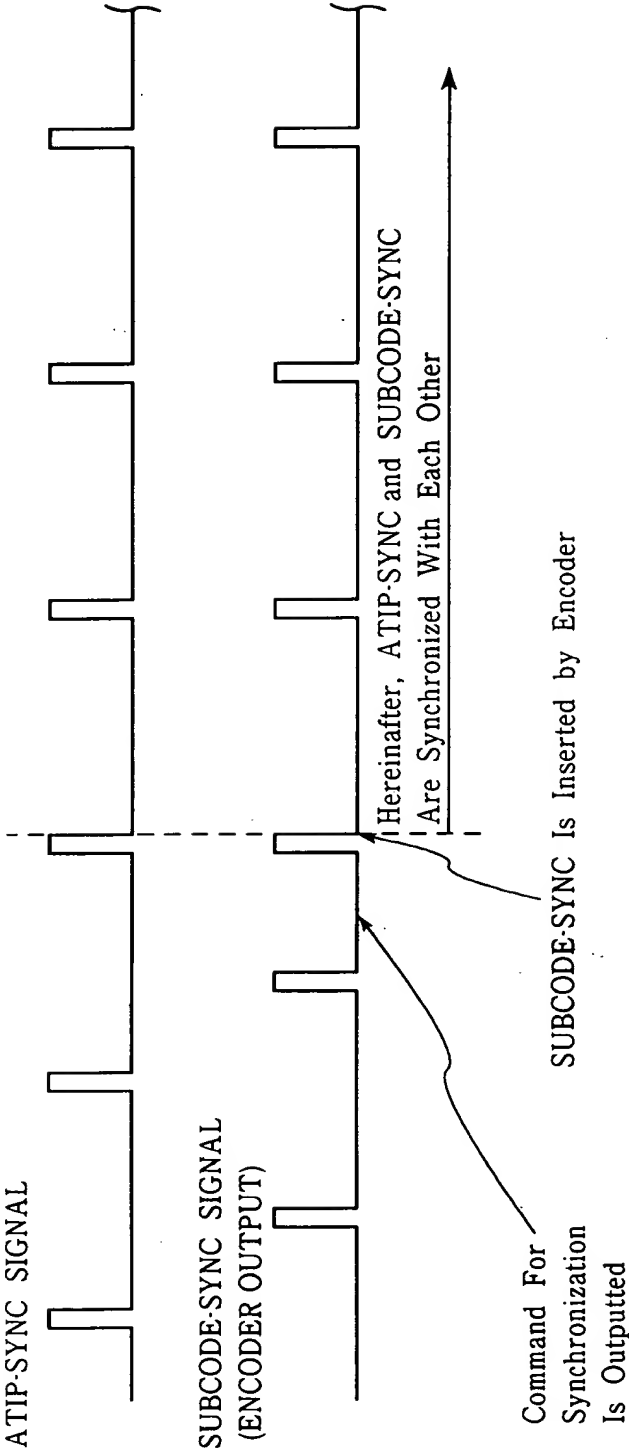
FIG. 17

ROUTINE FOR READING ATIP ERROR

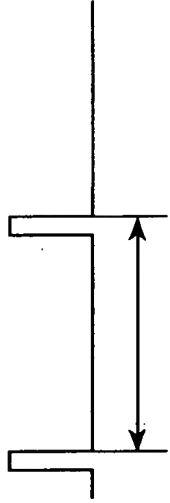


09162969 69629T60

FIG. 18



The Width of SYNC Corresponding to 1 SubCode frame



1/75 at 1X (13.3333msec)  
1/150 at 2X (6.6666msec)